

## ***ABSTRACT***

A hydrophilic pliable wound dressing consisting of bio-polymers creates a new approach to wound dressing by providing a self-assembling hydrophilic gel type moisture permeable barrier applicable to a wide range of wound sizes and depths. Biodegradability and water solubility enable rapid and safe disposal, obviating a significant problem that occurs with conventional type dressings. The initial sheet form of the dressing provides an ideal carrier for delivery of nutrients, debriders, antibiotics, analgesics and physiological regulators.